



Recycling Plan for FY 02

Industrial Risk Management Directorate
Environmental Management Division

The Recycling Program has been implemented in accordance with Army Regulation 420-49, Pennsylvania Act 101, and the Monroe County Solid Waste Management Plan.

This program is designed to be a responsive tool to reduce the depot solid waste stream going to a landfill and to reduce refuse removal costs.

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Installation Recycling Plan

1. Background Information:

Tobyhanna Army Depot (TYAD) is located approximately 20 miles north of Stroudsburg, Monroe County, Pennsylvania and 20 miles east of Scranton, Lackawanna County, Pennsylvania, on Interstate Route 380, Exit 7. Tobyhanna Army Depot is a government installation primarily involved in the fabrication and repair of electronics communication equipment.

2. Purpose:

The purpose of this plan is to define the Recycling Program. The plan will set goals for the program for the fiscal year, determine which items in the depot waste stream will be recycled, adopt a budget for the program for the fiscal year, and suggest projects to be accomplished with funds received from the sale of recyclable material.

3. Scope:

The Recycling Program will recycle items from the depot waste stream in an effort to protect the environment and conserve natural resources. The program will comply with Presidential Executive Order 13101, Army Regulations 200-1 and 420-49, TYAD Regulation 200-3, TN 420-47-02 Installation Recycling Guide, PA Act 101 and the Monroe County Solid Waste Management Plan. The Recycling Program will reduce landfill space required, reduce refuse removal costs and thereby reduce overhead costs at the depot. The goal for the Recycling Program for FY02 is to reduce the waste stream going to a landfill by 30 percent using FY90 tonnage as the baseline. The projected reduction of the waste stream is as shown on page 20. Waste audits will be used to determine the best ways to reduce the depot waste stream.

4. Details:

The items from the waste stream to be recycled are as follows:

a. Aluminum Soda Cans - the workforce, cafeteria, cafeteria annexes, club, and Family Housing Area will be encouraged to donate all aluminum cans to Operation Santa Claus. It is mandatory that aluminum cans not be placed in the trash. If so desired, employees may take the aluminum cans home. Operation Santa Claus will collect cans from the various collection points on the depot and will handle the sale of the cans. Funds generated from the sale of the cans will be used by Operation Santa Claus.

b. Computer Paper and Office Paper - all activities on the depot must separate computer paper and office quality paper from the trash. The paper will be placed at the collection point for the individual office. The custodial contractor will remove the paper from the individual offices to the central collection points. Computer paper and office paper will be moved from the central collection points by recycling employees to the holding area in Building 66. The Recycling Program will direct sell the paper and place the funds generated by the sale into the depot Recycling Program Account.

c. Newspapers and Magazines - all activities on the depot must separate and segregate newspapers and magazines from the trash. The newspapers and magazines will be placed at the collection point for the individual office. The custodial contractor will remove the newspapers and magazines from the individual offices to the central collection points. The newspapers and magazines will be moved from the central collection points by recycling employees to DRMO. DRMO will sell the newspapers and magazines and place the funds generated by the sale into the depot Recycling Program Account.

d. Cardboard - all activities on the depot must separate corrugated cardboard from the trash. All packing materials will be removed from the corrugated cardboard. The corrugated cardboard will be placed in the baler for each functional area and baled. The baled corrugated will be placed out on the loading dock designated for each baler location. The baled corrugated cardboard will then be picked up by a recycling employee and transported to the holding area in Building 66. For those areas that do not have a baler, the corrugated cardboard will be placed at the designated collection point. The loose corrugated cardboard will be picked up by a recycling employee, baled, and transported to the holding area. The Recycling Program will direct sell the corrugated cardboard and place the funds generated by the sale in to the depot Recycling Program Account.

e. Glass (brown, green, and clear) - the cafeteria, cafeteria annexes, club, barracks, and Family Housing Area must separate glass from the trash and segregate glass by color (brown, green, and clear). The glass will be placed in roll-off containers located strategically across the depot. The refuse contractor will remove the glass roll-off containers when they are full and take the glass to a Recycling Center. No funds will be generated from recycling glass. However, the depot will realize a cost savings from recycling glass compared to placing it in a landfill.

f. Plastics (#1 and #2) - all activities will place #1 and #2 plastic bottles into the collection containers located throughout the depot. The recycling employees will pickup the plastic bottles from the collection containers and take them to the holding area. The Monroe County Municipal Waste Management Authority (MCMWMA) will pickup the plastic bottles and recycle them. No funds will be generated from recycling plastic bottles. However, the depot will realize a cost savings from recycling plastic bottles compared to placing them in a landfill.

g. Scrap wood - all activities will place scrap wood at a designated collection point or take the scrap wood to the holding area located at Building 66. Some of the scrap wood will be picked up by a contractor for reuse. No funds will be generated from recycling scrap wood. However, the depot will realize a significant cost savings from recycling scrap wood compared to the cost of placing the scrap wood into a landfill or having the wood processed into wood chips.

h. Scrap Metals - all activities on the depot must separate scrap metals from the trash and segregate the metals into clean aluminum, iron/aluminum, and steel. The scrap metals will be placed into the collection roll-offs at Building 66 by the generating activities. The Recycling Program will Direct Sell the scrap metals and place the funds generated by the sale into the depot Recycling Program Account.

i. Shrink and Stretch Wrap - all activities on the depot must separate scrap shrink and stretch wrap from the trash. The wrap will be placed into tri-wall boxes by the generating activity and when full, transported to the recycling facility, Building 66. The plastic wrap will be picked up by the MCMWMA. No funds will be generated from recycling the plastic wrap, however the depot will realize cost savings compared to the cost of placing the plastic wrap into a landfill.

j. Scrap Rubber - all activities on the depot must separate scrap rubber from the trash. Scrap rubber includes tires, tubes, bases, insulation, mountings, sheets, and gloves. Scrap rubber will be turned in to DRMO by the generating activities. DRMO will sell the scrap rubber and place the funds generated by the sale into the depot Recycling Program Account.

k. Scrap Electronics - all activities on the depot must separate scrap electronics from the trash. Scrap electronics includes wire, cable, connector ends, plugs, radio chassis, switches, motors, and some printed circuit boards. All connector ends will be removed from wire and cables. Scrap electronics will be turned in to DRMO by the generating activity. DRMO will sell the scrap electronics and place the funds generated by the sale into the depot Recycling Program Account.

l. Scrap Textiles - all activities on the depot must separate scrap textiles from the trash. Scrap textiles includes all canvas and cloth products that are not contaminated with solvents or paints. Scrap textiles will be turned in to DRMO by the generating activities. DRMO will sell the scrap textiles and place the funds generated by the sale into the depot Recycling Program Account.

m. Used Shoes - when employees are issued new safety shoes they must return the old shoes to the Safety Shoe Van. The used shoes will be collected at the van in a tri-wall box. Recycling employees will pickup the full boxes and used shoes and transport them to the recycling facility, Building 66. The used shoes will be sold and the funds generated from the sale will be placed into the Recycling Program Account.

n. Scrap Batteries - all activities on the depot must separate scrap batteries from the trash. Scrap batteries will be turned in to DRMO, in accordance with TYAD Regulation 200-3, by the generating activities. DRMO will sell the scrap batteries and place the funds generated by the sale into the depot Recycling Program Account.

o. Laser Printer Toner Cartridges - all activities on the depot must recycle laser printer toner cartridges. Expended toner cartridges will be exchanged for recharged cartridges when purchasing new cartridges.

p. CD-ROM Discs - all activities will collect compact disc-read only memory discs, which will be sent through the depot mail system, to the Recycling Program. The Recycling Program will Direct Sell the discs and the funds generated from the sale placed into the Recycling Program account.

q. Leaves, and grass clippings - leaves, brush, and grass clippings must not be placed in the waste stream sent to a landfill. Where practical, all leaves, brush, and grass clippings will be left on the ground as natural ground cover. Where leaves and grass clippings must be collected, they will be composted. The PADEP does not require approval of leaf/grass clippings composting if only those leaves and grass clippings generated on depot are composted, and if composted material is not sold, in accordance with PA Code Chapter 271, Municipal Waste Management, Section 271.101(a)(3). The compost site and composted material will be for use by the depot and Family Housing Area only. No leaves or grass clippings will be brought on depot for the compost site and composted material will not be sold. No funds will be generated by composting activities, however the depot will realize a cost savings by composting leaves and grass clippings compared to the cost of placing them in a landfill.

5. Waste Stream Audits:

The remaining waste stream, after the separation of the current recyclable items, will be audited for possible expansion of the Recycling Program. Waste audits will be performed by the Recycling Program Manager at a minimum of one per month. Possible additional items to be recycled are Styrofoam packing materials, metal and plastic banding material, and foam packing materials.

6. Education and Outreach:

Articles in the Tobyhanna Reporter and Employees' Bulletin will be utilized to educate the workforce and depot community about the Recycling Program and the benefits of recycling. Points of Contacts (POCs) for recycling have been appointed for each Directorate and activity on the depot. The POCs for recycling will be utilized to help educate the workforce, and to ensure compliance with the Recycling Program by the respective Directorate or activity. Handouts, such as recycling guides and coloring books for children, will be used to educate military families residing on post. The Recycling Coordinator will attend Solid Waste Advisory Committee meetings to the Monroe County Municipal Waste Management Authority as an outreach to the local community involving local recycling programs.

7. Reporting Requirements:

Quarterly and yearly tonnage of recyclable materials extracted from the depot waste stream will be reported to HQ, CECOM as required. Quarterly and yearly tonnage of recyclable materials extracted from the depot waste stream will be reported to Coolbaugh Township in accordance with the Monroe County Solid Waste Management Plan.

8. Recycling Program Budget:

The budget for the Recycling Program for FY02 is as shown in paragraph 11. The budget outlines projected income and operating expenses, and forecasts excess funds to be made available for projects to be accomplished for the fiscal year. The budget has been developed by Community Services Directorate and approved by the Command Group prior to being provided to the Recycling Program.

9. Expenditures from the Recycling Program Account:

Distribution of funds from the Recycling Account, in accordance with AR 420-49 and CECOM Policy, is as follows:

a. Costs to administer and operate the Recycling Program will be deducted from the Recycling Account.

b. Up to 50 percent of the remaining funds in the Recycling Account may be used for pollution abatement, energy conservation, and occupational safety/health activities.

c. The remaining funds in the Recycling Account can be used for Morale, Welfare, and Recreation Activities.

10. Recycling Committee:

The Recycling Committee will be made up of representatives of each Directorate and Tenant Activity on the installation. Minimum participation in the committee will include representatives from Engineering Division, Environmental Management Division, the Defense Reutilization and Marketing Office, Directorate of Community Services, and Resource Management Directorate. Other offices for consideration include Safety Division, Public Affairs, Legal, Family Housing, Mission Directorates, and AFGE Local 1647. The committee will meet at least quarterly. The purpose of the committee is to provide oversight to the Recycling Program to ensure it is operated profitably, to the benefit of the depot mission, and to wisely invest the proceeds.

11. FY02 Forecast for the use of Recycling Proceeds:

The forecast for the planned use of Recycling Program proceeds and goals are as follows:

a. FY02 Goal: During FY01 the Recycling Program reduced the amount of solid waste sent to a landfill by 25 percent. The goal for FY02 is to reduce the waste stream by 30 percent

b. Projected income and expenditures for FY02:

Balance from FY01	\$ 81,530.00
Projected Income FY02	\$119,587.00
Total	<u>\$201,117.00</u>

Recycling Program Expenses

NAF Employee Salary	\$ 52,000.00
Sinking Fund	\$ 0.00
Materials	\$ 0.00
Purchase Recycling Containers	\$ 0.00
Total	<u>\$ 52,000.00</u>

Pollution Abatement, Energy Conservation, OSHA

Total	\$ 0.00
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Morale Welfare Activities

Employee Appreciation Day	\$ 27,150.00
Command Functions	\$ 12,325.00
Command Functions-DDTP	\$ 3,000.00
MWR Service Fee	\$ 12,163.00
Tree Lighting Ceremony	\$ 950.00
Christmas Decorations	\$ 1,500.00
Christmas Reception	\$ 1,800.00
Business Management Marketing	\$ 16,000.00
Armed Forces Day	\$ 7,500.00
Volunteer Recognition Ceremony	\$ 1,500.00
LOGSA PSCC Marketing	\$ 2,000.00
Soldiers Show	\$ 3,854.00
Total	<u>\$ 89,742.00</u>
Total Forecast Expenditures	\$147,742.00

NOTE: All projects for each category are listed in order of priority.

12. Tracking of the Waste Stream:

Annual tracking of Solid Waste Reduction through recycling.

FY90 (base year)

Refuse to Landfill		Recyclable Materials	
Refuse	3,883,920 lbs.	Computer Paper	17,450 lbs.
Wood Bulky	4,805,410 lbs.	Punch Cards	9,210 lbs.
Ash	337,520 lbs.	Steel	520,740 lbs.
Fly Ash	115,760 lbs.	Aluminum	367,300 lbs.
Totals	<u>9,142,610 lbs.</u>		<u>914,700 lbs.</u>

Reduction Achieved: 10 percent reduction of waste stream through recycling.

Refuse removal cost avoidance: \$62,690.41

FY91

Refuse to Landfill		Recyclable Materials	
Refuse	3,667,770 lbs.	Computer Paper	147,180 lbs.
Wood Bulky	2,866,630 lbs.	Office Paper	17,911 lbs.
Ash	1,852,940 lbs.	Steel	334,445 lbs.
Fly Ash	841,290 lbs.	Aluminum	269,658 lbs.
Total	<u>9,228,630 lbs.</u>	Electronic Scrap	27,085 lbs.
		Cinders	2,603,200 lbs.
		Total	<u>3,399,479 lbs.</u>

Reduction Achieved: 36 percent reduction of waste stream through recycling.

Refuse removal cost avoidance: \$213,693.50

FY92

Refuse to Landfill		Recyclable Materials	
Refuse	2,663,225 lbs.	Computer Paper	136,880 lbs.
Bulky Items	1,369,420 lbs.	Office Paper	183,730 lbs.
Ash	379,620 lbs.	Steel	640,915 lbs.
Fly Ash	1,230,860 lbs.	Aluminum	236,045 lbs.
Total	<u>5,643,125 lbs.</u>	Electronic Scrap	76,543 lbs.
		Cinders	7,922,000 lbs.
		Cardboard	1,191,900 lbs.
		Glass	20,580 lbs.
		Scrap Wood	1,176,280 lbs.
		Scrap Rubber	15,020 lbs.
		Scrap Textiles	360 lbs.
		Miscellaneous	27,652 lbs.
		Totals	<u>11,627,905 lbs.</u>

Goal: 55 percent reduction of waste stream through recycling
 Actual: 68 percent reduction of waste stream through recycling

Refuse removal cost avoidance: \$493,231.90

FY93

Refuse to Landfill		Recyclable Materials	
Refuse	2,375,320 lbs.	Computer Paper	213,405 lbs.
Bulky Items	866,540 lbs.	Office Paper	262,980 lbs.
Ash	48,800 lbs.	Newspaper	27,520 lbs.
Fly Ash	1,056,060 lbs.	Magazines	6,150 lbs.
Total	<u>4,346,720 lbs.</u>	Steel	953,165 lbs.
		Aluminum	298,092 lbs.
		Electronic Scrap	112,369 lbs.
		Cinders	7,329,000 lbs.
		Cardboard	1,085,820 lbs.
		Glass	7,000 lbs.
		Scrap Wood	726,070 lbs.
		Scrap Rubber	25,395 lbs.
		Scrap Textiles	255 lbs.
		Scrap Batteries	28,207 lbs.
		Miscellaneous	45,367 lbs.
		Aluminum Soda Cans	11,601 lbs.
		Total	<u>11,132,396 lbs.</u>

Goal: 70 percent reduction of waste stream through recycling
 Actual: 72 percent reduction of waste stream through recycling

Refuse removal cost avoidance: \$521,887.32

FY94

Refuse to Landfill		Recyclable Materials	
Refuse	2,300,000 lbs.	Computer Paper	213,000 lbs
Bulky Items	870,000 lbs.	Office Paper	263,000 lbs.
Ash	50,000 lbs.	Newspaper	35,000 lbs.
Fly Ash	1,100,000 lbs.	Magazines	15,000 lbs.
Total	<u>4,320,000 lbs.</u>	Steel	950,000 lbs.
		Aluminum	300,000 lbs.
		Electronic Scrap	112,000 lbs.
		Cinders	7,570,000 lbs.
		Cardboard	1,100,000 lbs.
		Glass	20,000 lbs.
		Scrap Wood	1,000,000 lbs.
		Scrap Rubber	25,000 lbs.
		Scrap Textiles	250 lbs.
		Scrap Batteries	30,000 lbs.
		Aluminum Soda Cans	11,000 lbs.
		Total	<u>11,689,250 lbs.</u>

Goal: 74 percent reduction of waste stream through recycling
 Actual: 73 percent reduction of waste stream through recycling

Refuse removal cost avoidance: \$545,818.49

FY95

Refuse to Landfill		Recyclable Materials	
Refuse	2,401,250 lbs.	Computer Paper	156,080 lbs.
Bulky Items	1,390,990 lbs.	Office Paper	163,745 lbs.
Ash	133,560 lbs.	Newspaper	56,581 lbs.
Fly Ash	47,340 lbs.	Magazines	28,275 lbs.
Paint Waste	96,080 lbs.	Steel	635,285 lbs.
Total	<u>4,069,220 lbs.</u>	Aluminum	253,946 lbs.
		Electronic Scrap	6,150 lbs.
		Cinders	7,045,600 lbs.
		Fly Ash	1,039,880 lbs.
		Cardboard	877,640 lbs.
		Glass	32,140 lbs.
		Scrap Wood	1,688,065 lbs.
		Scrap Rubber	6,345 lbs.
		Scrap Textiles	1,550 lbs.
		Scrap Batteries	4,720 lbs.
		Aluminum Cans	12,020 lbs.
		CD-ROM Discs	980 lbs.
		Composting Leaves	2,500 lbs.
		Miscellaneous	2,895 lbs.
		Total	<u>12,014,397 lbs.</u>

Goal: 78 percent reduction of waste stream through recycling
 Actual: 75 percent reduction of waste stream through recycling

Refuse removal cost avoidance: \$671,676.46

FY96

Refuse to Landfill	
Refuse	2,422,880 lbs.
Bulky Items	1,076,620 lbs.
Ash	172,980 lbs.
Fly Ash	311,330 lbs.
Paint Waste	106,890 lbs.
Total	<u>4,090,700 lbs.</u>

Recyclable Materials	
Computer Paper	104,630 lbs.
Office Paper	139,005 lbs.
Newspaper	47,570 lbs.
Magazines	29,120 lbs.
Steel	423,060 lbs.
Aluminum	377,549 lbs.
Electronic Scrap	10,265 lbs.
Cinders	6,180,000 lbs.
Fly Ash	641,690 lbs.
Cardboard	765,820 lbs.
Glass	17,830 lbs.
Scrap Wood	995,520 lbs.
Scrap Rubber	0 lbs.
Scrap Textiles	0 lbs.
Scrap Batteries	245 lbs.
Aluminum Cans	11,890 lbs.
CD-ROM Discs	0 lbs.
Composting Leaves	2,400 lbs.
Miscellaneous	3,935 lbs.
Total	<u>9,640,529 lbs.</u>

Goal: 76 percent reduction of waste stream through recycling
 Actual: 70 percent reduction of waste stream through recycling

Refuse removal cost avoidance: \$558,240.36

FY97

Refuse to Landfill	
Refuse	2,229,760 lbs.
Bulky Items	857,900 lbs.
Ash	0 lbs.
Fly Ash	84,740 lbs.
Paint Waste	49,100 lbs.
Garnet Sludge	20,480 lbs.
Total	<u>3,241,980 lbs.</u>

Recyclable Materials	
Computer Paper	47,920 lbs.
Office Paper	144,508 lbs.
Newspaper	58,815 lbs.
Magazines	39,435 lbs.
Steel	432,697 lbs.
Aluminum	317,778 lbs.
Electronic Scrap	1,280 lbs.
Cinders	9,092,000 lbs.
Fly Ash	611,480 lbs.
Cardboard	711,520 lbs.
Glass	7,320 lbs.
Scrap Wood	970,500 lbs.
Scrap Rubber	0 lbs.
Scrap Textiles	0 lbs.
Scrap Batteries	0 lbs.
Aluminum Cans	14,250 lbs.
CD-ROM Discs	0 lbs.
Composting Leaves	2,000 lbs.
Miscellaneous	6,800 lbs.
Film	0 lbs.
Total	<u>12,458,303 lbs.</u>

Goal: 76 percent reduction of waste stream through recycling
 Actual: 79 percent reduction of waste stream through recycling

Refuse removal cost avoidance: \$508,093.44

FY98

Refuse to Landfill		Recyclable Materials	
Refuse	2,470,840 lbs.	Computer Paper	18,950 lbs.
Bulky Items	3,565,460 lbs.**	Office Paper	559,557 lbs.
Ash	0 lbs.	Newspaper	56,010 lbs.
Fly Ash	0 lbs.	Magazines	41,955 lbs.
Paint Waste	47,620 lbs.	#1, #2 Plastics	0 lbs.
Garnet Sludge	24,260 lbs.	Steel	412,848 lbs.
Total	<u>6,108,180 lbs.</u>	Aluminum	295,184 lbs.
		Electronic Scrap	25,825 lbs.
** Please see attached note.		Cinders	8,122,500 lbs.
		Fly Ash	907,100 lbs.
		Cardboard	710,940 lbs.
		Glass	9,600 lbs.
		Scrap Wood	1,615,000 lbs.
		Scrap Rubber	0 lbs.
		Scrap Textiles	0 lbs.
		Aluminum Cans	14,680 lbs.
		Stretch Wrap	0 lbs.
		Used Shoes	0 lbs.
		CD-ROM Discs	0 lbs.
		Composting Leaves	2,400 lbs.
		Film	80 lbs.
		Miscellaneous	28,601 lbs.
		Total	<u>12,821,230 lbs.</u>

Goal: 80 percent reduction of waste stream through recycling
 Actual: 68 percent reduction of waste stream through recycling**
 Refuse removal cost avoidance: \$557,889.00

** Note: Bulky items includes such material as painted, creosoted, or wolmanized wood, wooden benches, pipe, debris, concrete blocks, ice boxes, refrigerators, deep freezers, crushed 55 gallon drums, ranges, bed springs, sofas, water heaters, water tanks, sinks, tree stumps, and construction demolition debris, that cannot be recycled. During FY98 the depot generated a great deal of construction demolition debris from the removal of an old in-ground swimming pool and concrete pads from the Tent City area. These projects greatly increased the amount of bulky items disposed of in landfills and were the major cause of the drop in the depot recycling rate.

Every effort will be made to recover, reuse, or recycle construction demolition debris as these types of projects are scheduled to increase the depot recycling rate. This will become easier as more and more construction facilities expand into recycling of construction demolition debris.

FY99

Refuse to Landfill		Recyclable Materials	
Refuse	2,021,760 lbs.	Computer Paper	18,840 lbs.
Bulky Items	1,255,150 lbs.	Office Paper	112,747 lbs.
Ash	0 lbs.	Newspaper	71,680 lbs.
Fly Ash	0 lbs.	Magazines	44,800 lbs.
Paint Waste	42,720 lbs.	#1, # 2 Plastics	0 lbs.
Garnet Sludge	0 lbs.	Steel	433,075 lbs.
Total	<u>3,319,630 lbs.</u>	Aluminum	321,225 lbs.
		Electric Scrap	1,790 lbs.
		Cinders	13,055,880 lbs.
		Fly Ash	761,480 lbs.
		Cardboard	656,800 lbs.
		Glass	9,980 lbs.
		Scrap Wood	1,105,000 lbs.
		Scrap Rubber	0 lbs.
		Scrap Textiles	10,200 lbs.
		Aluminum Cans	11,300 lbs.
		Stretch Wrap	0 lbs.
		Used Shoes	0 lbs.
		CD-ROM Discs	0 lbs.
		Composting Leaves	2,500 lbs.
		Film	0 lbs.
		Miscellaneous	10,644 lbs.
		Total	<u>16,627,941 lbs.</u>

Goal: 80 percent reduction of waste stream through recycling
 Actual: 83 percent reduction of waste stream through recycling
 Refuse removal cost avoidance: \$732,562.00

Refuse to Landfill		FY00	Recyclable Materials	
Refuse	2,067,400 lbs.		Computer Paper	0 lbs.
Bulky Items	1,135,020 lbs.		Office Paper	110,578 lbs.
Ash	0 lbs.		Newspaper	58,220 lbs.
Fly Ash	0 lbs.		Magazines	33,100 lbs.
Paint Waste	50,490 lbs.		#1, #2 Plastics	4,830 lbs.
Garnet Sludge	10,360 lbs.		Steel	686,602 lbs.
Total	<u>3,263,270 lbs.</u>		Aluminum	418,310 lbs.
			Electric Scrap	1,840 lbs.
			Cinders	11,055,820 lbs.
			Fly Ash	799,060 lbs.
			Cardboard	471,450 lbs.
			Glass	6,220 lbs.
			Scrap Wood	735,080 lbs.
			Scrap Rubber	0 lbs.
			Scrap Textiles	3,400 lbs.
			Aluminum Cans	9,600 lbs.
			Stretch Wrap	0 lbs.
			Used Shoes	0 lbs.
			CD-ROM Discs	0 lbs.
			Composting Leaves	2,500 lbs.
			Film	0 lbs.
			Miscellaneous	1,413 lbs.
			Total	<u>14,396,183 lbs.</u>

Goal: 84 percent reduction of waste stream through recycling
Actual: 82 percent reduction of waste stream through recycling
Refuse Removal Cost Avoidance: \$650,379.00

****Note:** The recycling rate for the depot dropped significantly from FY00 to FY01. This was not unexpected and there are several reasons for this drop.

(1) The depot has converted the central heating system from coal to decentralized natural gas. This has prevented the generation of millions of pounds of coal bottom ash and fly ash. Therefore not as much of the solid waste stream generated will be recycled. However, in accordance with the depot Integrated Solid Waste Management Plan source reduction is more important than recycling and the depot is pleased with this result.

(2) Efforts to recycle the scrap wood generated on the depot has met with mixed results. A contractor has been located who will take all pallets generated on depot and recycle them at no cost to the depot. The contractor has expressed an interest in recycling the balance of the scrap wood at a cost to the depot but the depot has had no success in getting the contractor to enter into a contract to do so. Another contractor expressed interest in recycling all pallets and scrap wood generated at the depot at no cost to the depot. However, the contractor does not respond to phone calls or letters from the depot and has been deemed unreliable. The Recycling Program will continue with efforts to recycle the 800,000 pounds of scrap wood generated per year.

(3) Additional concrete pads were removed from the Tent City area and disposed of in landfills as bulky items. The pads contained rebar and could not be used as clean fill. Removal and disposal of the concrete pads greatly increased the amount of bulky items generated during the year and further decreased the depot recycling rate.

FY01

Refuse to Landfill		Recyclable Materials	
Refuse	1,925,080 lbs.	Office Paper	129,094 lbs.
Bulky Items	1,876,700 lbs.	Newspaper	33,100 lbs.
Paint Waste	39,840 lbs.	Magazines	22,550 lbs.
Garnet Sludge	15,540 lbs.	#1, #2 Plastics	3,910 lbs.
Aluminum Dust	0 lbs.	Steel	194,165 lbs.
Total	<u>3,857,160 lbs.</u>	Aluminum	325,819 lbs.
		Electric Scrap	14,950 lbs.
		Cardboard	408,300 lbs.
		Glass	0 lbs.
		Scrap Wood	108,100 lbs.
		Scrap Rubber	560 lbs.
		Scrap Textiles	2,030 lbs.
		Aluminum Cans	5,120 lbs.
		Stretch Wrap	0 lbs.
		Used Shoes	0 lbs.
		CD-ROM Discs	0 lbs.
		Composting Leaves	2,500 lbs.
		Film	0 lbs.
		Batteries	2,099 lbs.
		Miscellaneous	2,099 lbs.
		Total	<u>1,256,529 lbs.</u>

Goal: 45 percent reduction of waste stream through recycling
 Actual: 25 percent reduction of waste stream through recycling**
 Refuse Removal Cost Avoidance: \$62,826.42

FY02 Projected

Refuse to Landfill		Recyclable Materials	
Refuse	1,900,000 lbs.	Office Paper	120,000 lbs.
Bulky Items	950,000 lbs.	Newspaper	35,000 lbs.
Paint Waste	40,000 lbs.	Magazines	25,000 lbs.
Garnet Sludge	15,000 lbs.	#1, #2 Plastics	4,000 lbs.
Aluminum Dust	15,000 lbs.	Steel	195,000 lbs.
Total	<u>2,920,000 lbs.</u>	Aluminum	325,000 lbs.
		Electric Scrap	10,000 lbs.
		Cardboard	400,000 lbs.
		Glass	10,000 lbs.
		Scrap Wood	125,000 lbs.
		Scrap Rubber	500 lbs.
		Scrap Textiles	1,000 lbs.
		Aluminum Cans	5,000 lbs.
		Stretch Wrap	1,000 lbs.
		Used Shoes	1,000 lbs.
		CD-ROM Discs	500 lbs.
		Composting Leaves	2,500 lbs.
		Film	100 lbs.
		Batteries	2,500 lbs.
		Miscellaneous	1,500 lbs.
		Total	<u>1,264,600 lbs.</u>

Goal: 30 percent reduction of waste stream through recycling

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